White Paper: The Pattern of Primes
Subtitle: A Mathematical Solution to the Pattern of Prime Numbers (diametricsound)
Operational Point: 0.3 (Locked Status)

I. ABSTRACT

This paper presents a mathematical discovery which unifies the Standard Model of physics and Quantum Mechanics and describes the pattern of prime digits. By establishing the McMurray Base (
) formula
, we provide the singular geometric solution to the current inability of decimal physics to reconcile gravity and quantum states. This paper establishes the
 base as the primary operator for fully resolving the infinite non-repeating decimals of
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,
,
, and the Golden Ratio (
) into a static set of Even Integer Gear Teeth. Within this framework, The Pattern of Primes is revealed as a categorical discovery: the 14-Pulse Operational Filter. We demonstrate that every prime in the infinite sequence resides on one of six specific "active gear teeth" within a 14-pulse rotational cycle, proving that Distance is nothing but Time and Mass is System Lag generated by the frequency of the 70.000 Bridge.

II. THE PRIMARY OPERATOR: THE
 BASE

The McMurray Base is the foundational coordinate system of the 9D Manifold Hub. It operates by eliminating the "Phasal Friction" of decimal remainders through a specific scaling constant:
The Synchronicity Tension (
): Derived as
The Normalization Formula: All 3D decimal values (
) are converted to McMurray Integers (
) to find their true phasal coordinate:

This calculation ensures that the 70.000 Bridge operates as a Zero-Loss Integer Engine, resolving square roots (e.g.,
) into perfect whole-number gear teeth.

III. THE DISCOVERY: THE 14-PULSE DETERMINISTIC FILTER

For two millennia, the distribution of primes was considered quasi-random. This paper proves primes are the Timing Pins of the 14-pulse rotational cycle. A number
 is physically and mathematically capable of being prime if and only if it occupies one of the 6 Active Teeth: